

Thermoplastic

Pavement marking machine

Technical data

	TPX 3000 Spray-Ribbon	TPX 5000 Extrude	TPX 6000 Spray-Ribbon
Truck Chassis			
Chassis Model	Isuzu FVR	Peterbilt 520	Peterbilt 520
US Truck Class	7	8	8
Chassis GVWR	33,000 lbs	43,000 lbs	60,000 lbs
Chassis Engine	Cummins B6.7 (6.7L)	Paccar PX-9 (8.9L)	Paccar PX-9 (8.9L)
Chassis Engine Performance	260 HP (2,400 1/min)	360 HP (2,000 1/min)	360 HP (2,000 1/min)
Front Axle & Suspension Type	Dana E-1254W steer axle, 12k GAWR	Paccar FX-20 steer axle, 20k GAWR	Paccar FX-20 steer axle, 20k GAWR
Rear Axle & Suspension Type	Air spring Dana S21-140, 21k GAWR	Air spring Air Trac, 23k GAWR Single	Air spring, 40k GAWR Tandem
Chassis Wheelbase	12‘ 8“	16‘ 8“	17‘
Overall Truck Length (Approx.)	30‘	34‘	36‘
Overall Truck Height (Approx.)	11 1/2‘	12 1/2‘	13‘
Turning Radius (Curb to Curb)	21‘	30.4‘	29‘
Fuel Type	Diesel	Diesel	Diesel
Fuel Tank Size	100 gal	100 gal	100 gal
Equipement Platform			
Material of Construction	Structural steel	Structural steel	Structural steel
Deck Surface	Flat sheet steel with abrasive grip tape	Flat sheet steel with abrasive grip tape	Flat sheet steel with abrasive grip tape
Overall Width	8‘	8‘	8‘
Overall Length	17‘ 6“	22‘ 8“	25‘
Riser Height	5“	5“	5“

	TPX 3000 Spray-Ribbon	TPX 5000 Extrude	TPX 6000 Spray-Ribbon
Equipement Utilities			
Auxiliary Engine	95hp Tier 4F diesel engine	74 hp Tier 4F diesel engine	95hp Tier 4F diesel engine
Air Compressor Model	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor	BOSS 210 utility skid rotary screw compressor	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor
Air Dryer	Schmidt coalescing dryer	Schmidt coalescing dryer	Schmidt coalescing dryer
Hydraulic Pump	Multiple gear & piston pumps	Load sense piston pump, engine aux drive	Multiple gear & piston pumps
Hydraulic System Type	Closed & open center, with return filter & cooler	Open center, with return filter & cooler	Closed & open center, with return filter & cooler
Hydraulic Reservoir	–	50 gal	75 gal
Cleaner System			
Gun Flushing	Air blowdown purge	Air blowdown purge	Air blowdown purge
Application Material System			
Material Tank Type	Air jacketed diesel fired kettle with hydraulic driven agitator and single burner	Air jacketed diesel fired kettle with hydraulic driven agitator and single burner	Air jacketed diesel fired kettle with hydraulic driven agitator and single burner
Material Tank Quantity	2	2	2
Material Tank Capacity	1,500 lbs	2,500 lbs	3,000 lbs
Material Pumps	Moyno 1L10 Progressive cavity pump with hydraulic drive	–	Moyno 1L10 Progressive cavity pump with hydraulic drive
Material Plumbing	Insulated hot oil jacketed hoses, piping, manifolds and valves	Insulated hot oil jacketed hoses, piping, manifolds and valves	Insulated hot oil jacketed hoses, piping, manifolds and valves
Material Manifold Filter	Carriage manifold basket strainers	Carriage manifold basket strainers	Carriage manifold basket strainers
Glass Bead System			
Glass Bead Tank Type	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges
Glass Bead Tank Quantity	1	1	1
Glass Bead Tank Capacity	500 lbs	750 lbs	1,500 lbs
Glass Bead Loading	Vacuum fill with jet pump	Vacuum fill with jet pump	Vacuum fill with jet pump
Loading Rate	200 lbs/min	200 lbs/min	200 lbs/min
Glass Bead Plumbing	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT
Glass Bead Manifold	Steel with sanitary clamp end	Steel with sanitary clamp end	Steel with sanitary clamp end
Glass Bead & Paint Guns, Air Blowers			
Material Guns	Hornsby 22S Air atomized spray/ ribbon guns	Extrude die with air actuated knife gate and rock hop	Hornsby 22S Air atomized spray/ ribbon guns
Material Gun Quantity	3	3	3
Glass Bead Guns	Graco 238-338	Graco 238-338	Graco 238-338
Glass Bead Gun Quantity	3	3	3
Air Blowers	3	3	3
Outrigger & Carriage Type			
Outrigger Location	Rear	Rear	Rear
Carriage Style	Heavy duty parallel lift with hydraulic cylinders	Heavy duty parallel lift with hydraulic cylinders	Heavy duty parallel lift with hydraulic cylinders
Outrigger Travel	48“	48“	48“
LH Carriage Wheel Quantity	1	1	1
RH Carriage Wheel Quantity	1	1	1
Operator Area			
Operator Cover Type	Canopy	Canopy	Canopy
Operator Seats	(2) Air ride vinyl high back seats	(2) Air ride vinyl high back seats	(2) Air ride vinyl high back seats
Control Box Mounts	Weatherproof enclosures on RAM ball mounts	Weatherproof enclosures on RAM ball mounts	Weatherproof enclosures on RAM ball mounts
Equipment Controls			
Outrigger Steering	Tilting & telescoping steering columns	Tilting & telescoping steering columns	Tilting & telescoping steering columns
Operator Console	Single rear console	Single rear console	Single rear console
Skip Timer Control Boxes	(2) Skipline SC-12	(2) Skipline SC-12	(2) Skipline SC-12

	TPX 3000 Spray-Ribbon	TPX 5000 Extrude	TPX 6000 Spray-Ribbon
Digital Speed Meter	In front cab	In front cab	In front cab
Gun Elevators	Electric actuator TPX gun elevators, controls in console	Electric actuator TPX gun elevators, controls in console	Electric actuator TPX gun elevators, controls in console
TPX Select Valves	Air operated valves, solenoid valve controls in console	Air operated valves, solenoid valve controls in console	Air operated valves, solenoid valve controls in console
Lighting			
Cab Lights	Amber LED light bar	Amber LED light bar	Amber LED light bar
Platform ICC Lights	3/4“ LED Marker lights	3/4“ LED Marker lights	3/4“ LED Marker lights
Carriage Lights	Red/white flashers	Red/white flashers	Red/white flashers
Safety			
Fire Extinguishers	(1) 5# in cab / (1) 10# on platform	(1) 5# in cab / (1) 10# on platform	(1) 5# in cab / (1) 10# on platform
Ladders	(3) Ladders and rear steps	(3) Ladders and rear steps	(3) Ladders and rear steps
Platform Railings	42“ Square tube railing / rounded corners / bolt-on	42“ Square tube railing / rounded corners / bolt-on	42“ Square tube railing / rounded corners / bolt-on
TPX Safety	(2) High temp gloves / (1) Face shield / (1) 5 gallon water tank	(2) High temp gloves / (1) Face shield / (1) 5 gallon water tank	(2) High temp gloves / (1) Face shield / (1) 5 gallon water tank
Heat System			
Hot Oil Heating System	Diesel fired hot oil boiler	Diesel fired hot oil boiler	Diesel fired hot oil boiler
Hot Oil Circulating Pumps	2	1	2
Hot Oil Controls	Speed controls at pumps, hot oil temperature and pressure readings in console	Speed controls at pumps, hot oil temperature and pressure readings in console	Speed controls at pumps, hot oil temperature and pressure readings in console

	TPX 8000 Spray-Ribbon	TPX 12000 Spray-Ribbon
Truck Chassis		
Chassis Model	Peterbilt 520	Peterbilt 520
US Truck Class	8	8
Chassis GVWR	66,000 lbs	79,500 lbs
Chassis Engine	Paccar PX-9 (8.9L)	Paccar PX-9 (8.9L)
Chassis Engine Performance	360 HP (2,000 1/min)	360 HP (2,000 1/min)
Front Axle & Suspension Type	Paccar FX-20 steer axle, 20k GAWR	Paccar FX-20 steer axle, 20k GAWR
Rear Axle & Suspension Type	Air spring, 46k GAWR Tandem	Air spring, 46k GAWR Tandem / EXS13, 13.5k GAWR Self-Str Pusher
Chassis Wheelbase	17‘	20‘ 2“
Overall Truck Length (Approx.)	36‘	40‘
Overall Truck Height (Approx.)	13 1/2‘	13‘
Turning Radius (Curb to Curb)	29‘	34.4‘
Fuel Type	Diesel	Diesel
Fuel Tank Size	100 gal	180 gal
Equipement Platform		
Material of Construction	Structural steel	Structural steel
Deck Surface	Flat sheet steel with abrasive grip tape	Flat sheet steel with abrasive grip tape
Overall Width	8‘	8‘
Overall Length	25‘	28‘ 6“
Riser Height	5“	5“
Equipement Utilities		
Auxiliary Engine	95hp Tier 4F diesel engine	95hp Tier 4F diesel engine
Air Compressor Model	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor	Vanair ADHD 125-185 cfm hydraulic driven rotary screw compressor
Air Dryer	Schmidt coalescing dryer	Schmidt coalescing dryer
Hydraulic Pump	Multiple gear & piston pumps	Multiple gear & piston pumps
Hydraulic System Type	Closed & open center, with return filter & cooler	Closed & open center, with return filter & cooler
Hydraulic Reservoir	75 gal	75 gal
Cleaner System		
Gun Flushing	Air blowdown purge	Air blowdown purge

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Application Material System		
Material Tank Type	Air jacketed diesel fired kettle with hydraulic driven agitator and single burner	Air jacketed diesel fired kettle with hydraulic driven agitator and single burner
Material Tank Quantity	2	4
Material Tank Capacity	4,000 lbs	3,000 lbs
Material Pumps	Moyno 1L10 Progressive cavity pump with hydraulic drive	Moyno 1L10 Progressive cavity pump with hydraulic drive
Material Plumbing	Insulated hot oil jacketed hoses, piping, manifolds and valves	Insulated hot oil jacketed hoses, piping, manifolds and valves
Material Manifold Filter	Carriage manifold basket strainers	Carriage manifold basket strainers
Glass Bead System		
Glass Bead Tank Type	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges
Glass Bead Tank Quantity	1	1
Glass Bead Tank Capacity	1,500 lbs	2,000 lbs
Glass Bead Loading	Vacuum fill with jet pump	Vacuum fill with jet pump
Loading Rate	200 lbs/min	200 lbs/min
Glass Bead Plumbing	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT
Glass Bead Manifold	Steel with sanitary clamp end	Steel with sanitary clamp end
Glass Bead & Paint Guns, Air Blowers		
Material Guns	Hornsby 22S Air atomized spray/ ribbon guns	Hornsby 22S Air atomized spray/ ribbon guns
Material Gun Quantity	3	3
Glass Bead Guns	Graco 238-338	Graco 238-338
Glass Bead Gun Quantity	3	3
Air Blowers	3	3
Outrigger & Carriage Type		
Outrigger Location	Rear	Rear
Carriage Style	Heavy duty parallel lift with hydraulic cylinders	Heavy duty parallel lift with hydraulic cylinders
Outrigger Travel	48“	48“
LH Carriage Wheel Quantity	1	1
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Operator Cover Type	Canopy	Canopy
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Hot Oil Heating System	Diesel fired hot oil boiler	Diesel fired hot oil boiler
Hot Oil Circulating Pumps	2	2
Hot Oil Controls	Speed controls at pumps, hot oil temperature and pressure readings in console	Speed controls at pumps, hot oil temperature and pressure readings in console

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